

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/871,508
		Filing Date	March 26, 2004
		First Named Inventor	Xing Cheng
		Group Art Unit	1659 1640
		Examiner Name	Unassigned Chen, Stacy
		Attorney Docket Number	26-003820US
		Date Submitted	December 9, 2004

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
SAC	1	6,225,091		Klein et al	05-01-2001	
SAC	2	6,713,066		Collins et al	03-30-2004	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
SAC	3	WO	2002/44334		Aviron et al	06-06-2002		
SAC	4	WO	2004/028478		MedImmune Vaccines, Inc. et al.	04/08/2004		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
SAC	5	<b>Bernmingham and Collins (1999)</b> "The M2-2 protein of human respiratory syncytial virus is a regulatory factor involved in the balance between RNA replication and transcription" <u>Proc. Natl. Acad. Sci. USA</u> 96:11259-11264.						
	6	<b>Cheng et al. (2001)</b> "Chimeric subgroup A respiratory syncytial virus with the glycoproteins substituted by those of subgroup B and RSV without the M2-2 gene are attenuated in African green monkeys" <u>Virology</u> 283:59-68.						
↓	7	<b>Collins et al. (1995)</b> " Production of infectious human respiratory syncytial virus from cloned cDNA confirms an essential role for the transcription elongation factor from the 5' proximal open reading frame of the M2 mRNA in gene expression and provides a capability for vaccine development" <u>Proc. Natl. Acad. Sci.</u> 92:11563-11567						

Examiner Signature	<i>Stacy B. Chen</i>	Date Considered	1/3/06
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A-B/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Complete if Known	
		Application Number	10/811,508
		Filing Date	March 26, 2004
		First Named Inventor	Xing Cheng
		Group Art Unit	1653-1648
		Examiner Name	Unassigned Chen, Stacy
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		Date Submitted	December 9, 2004

<i>SBC</i>	8	Collins et al. (1999) "Support plasmids and support proteins required for recovery of recombinant respiratory syncytial virus" <u>Virology</u> 259:251-255	
	9	Hardy & Wertz (2000) "The Cys(3)-His(1) motif of the respiratory syncytial virus M2-1 protein is essential for protein function" <u>J. Virol.</u> 74(13):5880-5.	
	10	Jin et al. (1998) "Recombinant human respiratory syncytial virus (RSV) from cDNA and construction of subgroup A and B chimeric RSV" <u>Virology</u> 251:206-214	
	11	Jin et al. (2000) "Respiratory syncytial virus that lacks open reading frame 2 of the M2 gene (M2-2) has altered growth characteristics and is attenuated in rodents" <u>J. Virol.</u> 74:74-82;	
	12	Jin et al. (2000) "Recombinant respiratory syncytial viruses with deletions in the NS1, NS2, SH, and M2-2 genes are attenuated in vitro and in vivo" <u>Virology</u> 273:210-218;	
	13	Jin et al. (2003) "Evaluation of recombinant respiratory syncytial virus gene deletion mutants in African green monkeys for their potential as live attenuated vaccine candidates" <u>Vaccine</u> 21:3647-3652	
	14	Karron et al. (1997) "Respiratory syncytial virus (RSV) SH and G proteins are not essential for viral replication in vitro: clinical evaluation and molecular characterization of a cold-passaged, attenuated RSV subgroup B mutant" <u>Proc Natl Acad Sci USA</u> 94:13961-13966	
	15	Tang et al. (2001) "Requirement of cysteines and length of the human respiratory syncytial virus M2-1 protein for protein function and virus viability" <u>J. Virol.</u> 75:11328-11335	
	16	Techaarpornkul et al. (2001) "Functional analysis of recombinant respiratory syncytial virus deletion mutants lacking the small hydrophobic and/or attachment glycoprotein gene" <u>J. Virol.</u> 75:6825-34	
	17	Teng et al. (2000) "Recombinant respiratory syncytial virus that does not express the NS1 or M2-2 protein is highly attenuated and immunogenic in chimpanzees" <u>J. Virol.</u> 74:9317-9321;	
	18	Teng et al. (2001) "Contribution of the respiratory syncytial virus G glycoprotein and its secreted and membrane-bound forms to virus replication in vitro and in vivo" <u>Virology</u> 289:283-96).	
	19	Whitehead et al. (1999) "Replacement of the F and G proteins of respiratory syncytial virus (RSV) subgroup A with those of subgroup B generates chimeric live attenuated RSV subgroup B vaccine candidates" <u>J. Virol.</u> 73:9773-9780	
	20	GenBank accession number: M73544	
	21	GenBank accession number: S75820	
	22	GenBank accession number: D00334	
	23	GenBank accession number: D00392	
↓	24	GenBank accession number: D00393	

Examiner Signature	<i>Stacy B. Chen</i>	Date Considered	1/3/06
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		Group Art Unit	1659 1648
		Examiner Name	Unassigned Chen
		Attorney Docket Number	26-003820US
		Date Submitted	December 9, 2004

<i>SC</i>	25	GenBank accession number: D00394	
	26	GenBank accession number: D00395	
	27	GenBank accession number: D00396	
	28	GenBank accession number: D00397	
	29	GenBank accession number: D00736	
	30	GenBank accession number: D01042	
	31	GenBank accession number: M17213	
<i>W</i>	32	GenBank accession number: AF013254	

Examiner Signature	<i>Shay B - Chen</i>	Date Considered	1/3/06
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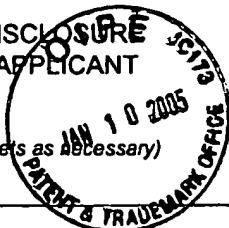
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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SBC	1	Sullender (2002) "Respiratory Syncytial Virus Genetic and Antigenic Diversity" <u>Clinical Microbiology Reviews</u> , 13(1): 1-15.	

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